Sharkoon

XTATIC DIGITAL

Handbuch

Manual

Manuel d‘utilisation

Guia usario

Manuale d´istruzioni

Gebruiksaanwijzing

Guia usário

Instukcja obstugi

매뉴얼

ユーザー　マニュアル

使用手冊





Content

Dear customer!

Congratulations for purchasing one premium quality SHARKOON product.
For a long life time and to take full advantage of this product we recommend that you read this manual completely.

Have a good time with our product!
SHARKOON Technologies GmbH

1. Features

1.1 X-Tatic Digital

- 5.1 channel headset
- 8 speakers (4 in each earpiece)
- Digital, in-line volume control
- High end amplifier
- Independent, illuminated volume adjustment for each channel and master volume
- Detachable microphone with QuickOn connection

1.2 X-Tatic Sound Control Unit (SCU)

- Supports Dolby Digital 2.0, Dolby Digital 5.1 and Dolby Pro Logic
- Supports the chat function of PS3, X-Box and X-Box 360
- Dynamic Range Control

2. Specifications

2.1 X-Tatic Digital

- Center speaker: 2 x 27 mm
- Front speaker: 2 x 30 mm
- Rear speaker: 2 x 30 mm
- Subwoofer: 2 x 40 mm
- Impedance: 32 Ohm
- Microphone: 6 x 5 mm (L x W) / unidirectional
- Cable Length: 360 cm
- Connection: 1 x 9-pin analogue plug

2.2 X-Tatic SCU

- Digital optical input (S/PDIF)
- 2 analogue audio outputs for the X-Tatic headset
- 3 analogue 3.5 mm audio outputs (front, rear, center / subwoofer)
- 1 microphone connector for PS3 (USB A > USB B)
- 1 power connector
- Dimensions: 15 x 122 x 56 mm (H x L x W)
- Weight: 110 g

3. Compatibility

3.1 X-Tatic Digital

- PC / MAC / other sources: analogue input (via cable adapter)

3.2 X-Tatic SCU

- Xbox / Xbox 360: optical input
- PS2 / PS3: optical input / USB microphone connection
- PC / MAC: optical input / analogue or USB microphone input
- DVD / other sources: optical input

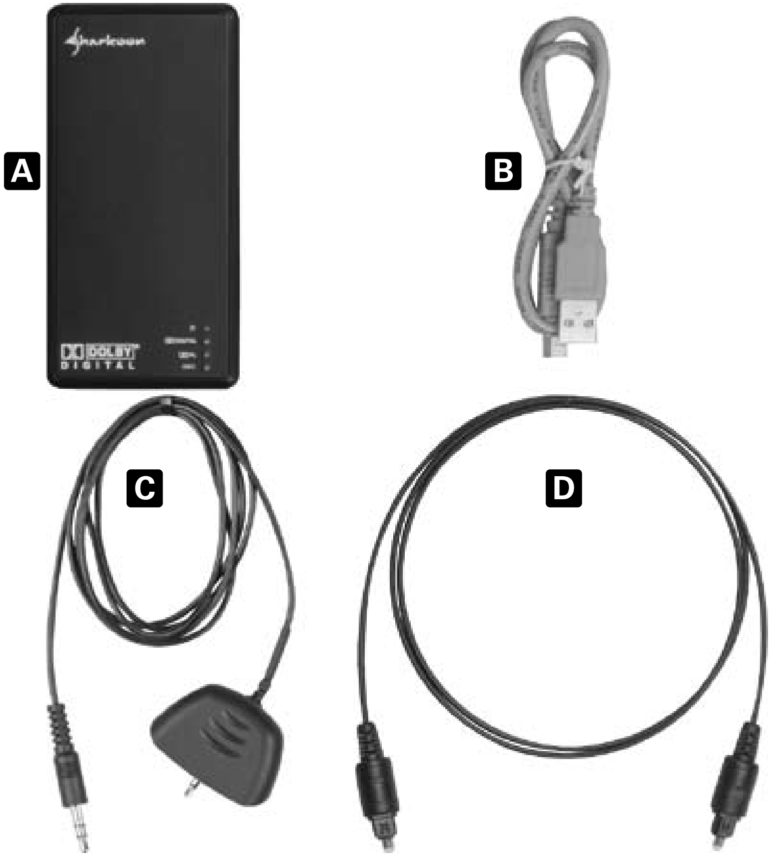
4. Parts and accessories

4.1 X-Tatic Digital



- X-Tatic Digital 5.1 headset (A)
- Microphone (B)
- Cable adapter (9-pin analogue plug > 4 x 3.5 mm / C)
- Power supply incl. travel adapter (D)
- Manual

4.2 X-Tatic SCU



- X-Tatic Sound Control Unit (A)
- USB microphone cable for PS3 and PC (B)
- Microphone connection cable for Xbox 360 (3.5 mm jack > 2.5 mm jack / C)
- Optical connection cable (S/PDIF / D)

Note:
If you are missing any of the items listed above, please contact customer service via e-mail at support@sharkoon.com or call: + 49 (0) 6403 – 775 6100

In case you have purchased the X-Tatic Digital outside of Europe/USA you will find two separate power supplies included with the headset: one to power the SCU, the second to power the headset.

5. The headset at a glance



A – Headband
B – Headphones
C – Detachable, adjustable microphone



D – Microphone connector

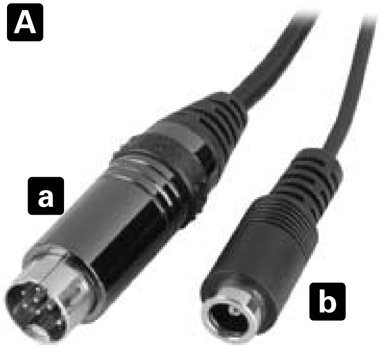
5.1 The volume controller



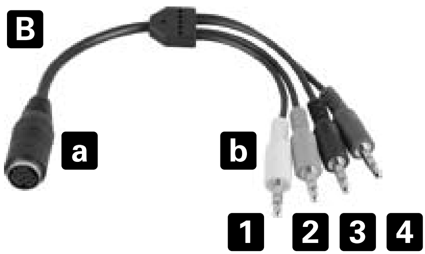
A – Volume adjustment for each channel after pressing the according button (button illuminated) or main volume adjustment respectively (all buttons illuminated) as well as volume on/off (by pressing this controller)
B – Microphone volume (only Xbox 360)
C – Control button for the front, rear and center speaker as well as for the subwoofer (Sub). The volume level is displayed by different colors.
D – Microphone on/off
(E – Connection for Xbox 360 microphone – see below 8.)

Note:
To switch on/off the headset press the button for volume adjustment (see above A) and the control button for the front speaker (Front, see above C) simultaneously for ~5 seconds.

5.2 The connectors



- A – Headset connectors
  - a – 9-pin analog connector
  - b – ISO power connector



- B – Cable adapter
  - a – 9-pin analog jack
  - b – 3.5 mm stereo plug for each channel:
    - 1 – Microphone connector (pink)
    - 2 – Subwoofer connector (orange)
    - 3 – Connector for rear speakers (black)
    - 4 – Connector for front speakers (green)

5.3 Connecting the microphone to the headset

1. Insert the microphone's 3.5 mm stereo plug (fig. 1) loosely into the headset's microphone connector (fig. 2).



fig. 1



fig. 2

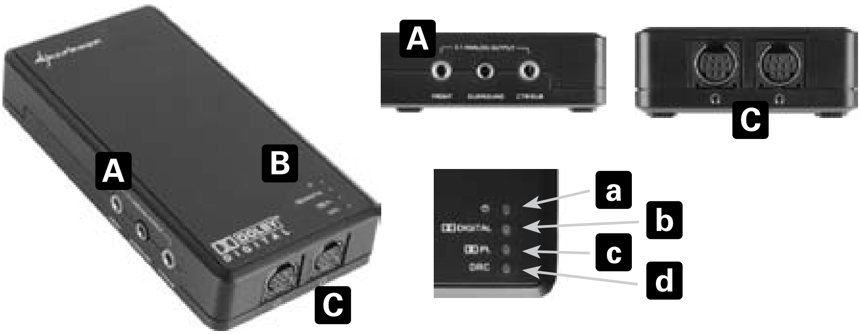
2. Turn the microphone until the indications on the microphone and on the headset are opposite to each other (fig. 3).



fig. 3

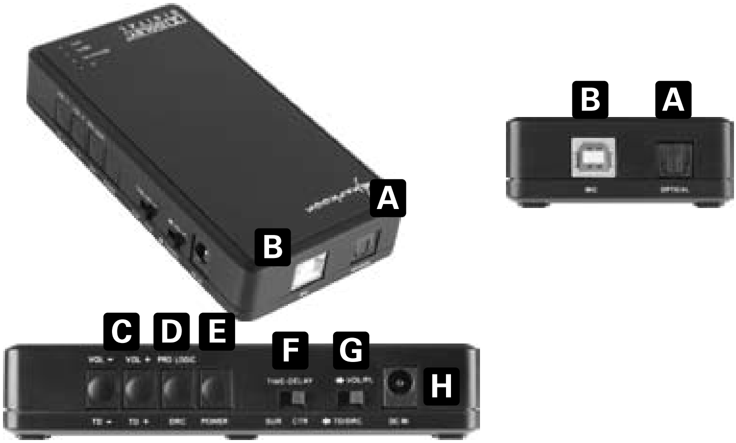
3. Press the microphone’s plug into the headset’s jack completely and turn the microphone to the front and into the desired position.

6. The SCU at a glance



A – Analogue audio outputs (3x 3.5 mm jack for front, surround and center speaker)
B – LEDs for:
  - a – Power on / off
  - b – Dolby Digital on / off
  - c – Dolby ProLogic on / off
  - d – DRC on / off

C – Analogue audio outputs for the X-Tatic headset (2x 9-pin analogue plug)



A – Optical audio input (S/PDIF)
B – USB connector (for PS3 microphone)
C – Buttons for volume (- / +) resp. Time-Delay (- / +)
D – On / off button for Pro Logic resp. Dynamic Range Control (DRC)
E – SCU power on / off button
F – Switch between Time-Delay for surround and center speaker
G – Switch between volume / Pro Logic (VOL / PL) and Time-Delay / Range Control (TD / DRC)
H – ISO power connector

6.1 Sound settings / sound technologies

Source	Output / Function			
	Stereo	Dolby Pro Logic	Dolby Digital 5.1	DRC
Stereo	yes	yes	no	no
Dolby Digital 2.0	no	yes	no	no
Dolby Pro Logic	no	yes	no	no
Dolby Digital 5.1	no	no	yes	yes

Note:
It may take several seconds to recognize the signal and to display the current sound mode via LED.

6.1.1 Volume / Dolby Pro Logic (VOL / PL)

Dolby Pro Logic is a Dolby technology which enables the transformation of a 2-channel signal into a 5.1-channel signal.

1. Toggle the switch (fig. 1 / A) into the “VOL / PL” position.
2. Activate / deactivate the Dolby Pro Logic function with the respective button (fig. 1 / B).
3. Adjust the volume using the buttons “Vol -” and “Vol +” (fig. 1 / C).

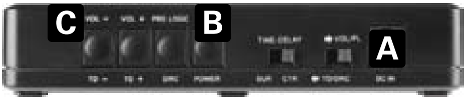


fig. 1

6.1.2 TD (Time-Delay)

The Time-Delay function allows to define a time delay for the sound reproduction of each speaker. Thus a spacious playback of the audio signal can be achieved. Note that increasing the delay too much may cause unnatural results.

6.1.3 DRC (Dynamic Range Control)

Dynamic Range control limits the dynamic, decreasing the level difference between loud and quiet passages in a Dolby Digital 5.1 signal thus balancing the effect loudness.

6.1.4 Activating TD / DRC

1. Toggle the switch (fig. 2 / A) to the “TD / DRC” position.
2. Select the desired channel (center / surround) you wish to adjust using the TD function switch (fig. 2 / B). Pressing the buttons “TD -” or “TD +” (fig. 2 / C) will set the Time-Delay with “TD +” increasing its value and “TD -” decreasing it. A bigger delay produces a more spacious feeling.
3. You may additionally activate / deactivate the DRC function by pressing the button “Pro Logic / DRC” (fig. 2 /D).

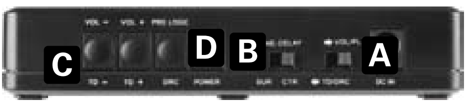


fig. 2

The Sound Control Unit will keep all settings after shutdown. Changes to the Time-Delay settings in Dolby Digital 5.1 mode will affect the settings in Dolby Pro Logic mode and vice versa.

6.2 Restore the factory default / reset

To restore the factory settings press and hold the buttons "Vol -" and "Vol +" (fig. 3 / A) simultaneously while the SCU is switched off then press the power button (fig.3 / B). The LED display (fig. 4) will flash 3 times to confirm the successful reset.

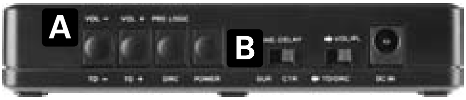


fig. 3

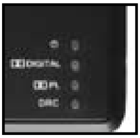


fig. 4

7. Using the X-Tatic Digital with a PC (optical output)

1. Connect the optical cable (remove protective caps!) to the optical audio output of your PC's soundcard and the SCU's optical audio input.
2. Connect the X-Tatic to the SCU by plugging the headset cable's 9-pin connector to the SCU's 9-pin plug.
3. Connect the USB microphone cable to the respective plugs of the SCU and your PC.
4. Connect the power supply delivered with the X-Tatic to a wall outlet, the adapter's angled power plug to the SCU's ISO power jack and the straight power plug to the respective headset cable's power connector.

   Note:
   In case you are using the version with two separate power adapters, proceed as follows:
   4. a) Connect one of the included power supplies to a wall outlet and the angled power plug to the SCU's ISO power connector.
   4. b) Connect the second power supply delivered with the X-Tatic to a wall outlet and the straight power plug to the headset cable's ISO power connector.

5. Alternatively connect the single 3.5 mm jacks of any 5.1 headset to the SCU's according analog plugs (instead of the USB microphone cable the microphone is directly connected to the soundcard). For a better distinction the connectors are color coded.
6. Switch on the SCU and boot up your PC.

   Note:
   If you are facing any failures using the microphone function via USB we recommend to check your operating system's audio settings and to define the soundcard as output device and the USB microphone as input device.

8. Using the X-Tatic Digital with the Xbox / Xbox 360

1. Connect the optical cable (remove protective caps!) to the optical audio output of your Xbox / Xbox 360 and the SCU's optical audio input.
2. Connect the X-Tatic to the SCU by plugging the headset cable's 9-pin connector to the SCU's 9-pin plug.
3. Connect the microphone cable for Xbox 360 to the respective microphone input on the X-Tatic's volume controller and the controller of the game pad.
4. Connect the power supply delivered with the X-Tatic to a wall outlet, the adapter's angled power plug to the SCU's ISO power jack and the straight power plug to the respective headset cable's power connector.

   Note:
   In case you are using the version with two separate power adapters, proceed as follows:
   4. a) Connect one of the included power supplies to a wall outlet and the angled power plug to the SCU's ISO power connector.
   4. b) Connect the second power supply delivered with the X-Tatic to a wall outlet and the straight power plug to the headset cable's ISO power connector.

5. Switch on the SCU and the game pad.
6. From the Xbox 360's settings menu ("System" > "Console Settings" > "Audio" > "Digital Output") select Dolby Digital 5.1 as output format.

   Note:
   From the Xbox's settings menu select Dolby Digital 5.1 as output format.

9. Using the X-Tatic Digital with the PS2 / PS3

1. Connect the optical cable (remove protective caps!) to the optical audio output of your PS2 / PS3 and the SCU's optical audio input.
2. Connect the X-Tatic to the SCU by plugging the headset cable's 9-pin connector to the SCU's 9-pin plug.
3. Connect the USB microphone cable for PS3 to the SCU's USB connector and the respective USB connector of the game pad.
4. Connect the power supply delivered with the X-Tatic to a wall outlet, the adapter's angled power plug to the SCU's ISO power jack and the straight power plug to the respective headset cable's power connector.

   Note:
   In case you are using the version with two separate power adapters, proceed as follows:
   4. a) Connect one of the included power supplies to a wall outlet and the angled power plug to the SCU's ISO power connector.
   4. b) Connect the second power supply delivered with the X-Tatic to a wall outlet and the straight power plug to the headset cable's ISO power connector.

5. Switch on the SCU and the game pad.
6. From the game pad's settings menu ("Settings" > "Sound Settings" > "Audio Output Settings" > "Digital Out (Optical)") select Dolby Digital 5.1 as output format.

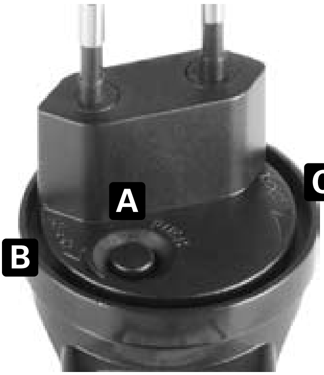
7. Under “Settings” > “Audio Device Settings” define “C-Media USB Audio Device” as input device and “C-Media USB Audio Device” as output device.

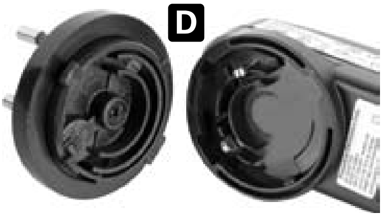
Note:
From the PS2’s settings menu select Dolby Digital 5.1 as output format.

10. Connecting the headset to a PC or any other source (analog)

1. Connect the included power supply to a wall outlet and the straight power plug to the headset’s ISO power connector.
2. Connect the cable adapter’s 9-pin connector to the according connector of the headset cable.
3. Connect the X-Tatic Digital‘s single 3.5 mm stereo plugs to the respective analog connector jacks of your PC’s 5.1 sound card (or any other compatible device). For convenient handling, the connectors are color coded. The headset is ready to use.

11. The power supply





- Interlock (press to open / A)
- Turn anticlockwise to open (B)
- Turn clockwise to close (C)
- Lifting/connecting the adapter (D)

12. Important notes

The X-Tatic Analog, the X-Tatic Digital and the X-Tatic Sound Control Unit are not compatible to the X-Tatic Revision I, the X-Tatic Revision II and the respective control boxes! To avoid damages do not use the older versions with the new one and vice versa.

Avoid listening at a high volume level for a longer period of time.
Doing so may harm your hearing.

Xbox, Xbox 360, Xbox Advanced AV Pack, Xbox Communicator, Xbox Live and the respective images/logos are registered trademarks or trademarks of Microsoft Corporation in the U.S. and/or other countries.

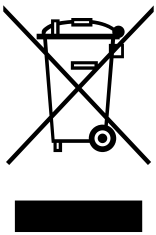
PlayStation, PlayStation 2, PlayStation 3, PS2, PS3 and the respective images/logos are registered trademarks or trademarks of Sony Computer Entertainment Inc.

Dolby, Pro Logic, the double-D symbol and the respective images/logos are registered trademarks or trademarks of Dolby Laboratories.

All named products and descriptions are trademarks and / or registered trademarks of the respective manufacturers and are accepted as protected.

As a continuing policy of product improvement at SHARKOON, the design and specifications are subject to change without prior notice. National product specifications may vary.

Disposal of your old product
Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
Please be informed about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

www.sharkoon.com